

Rev. 02/27/2003

Attorney Docket No. VTI017 (OLD)  
IMMR-059/00US (NEW)

PATENT

#9/a  
12-15-03  
a/a

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re appl. of Allen R. BORONKAY et al.

Serial No.: 09/894,985

Examiner: Amy He

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Conf. No.: 3804

Art Unit: 2858

DEC 09 2003

Filed: June 27, 2001

For: POSITION SENSOR WITH RESISTIVE ELEMENT

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Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

## AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.111

In response to the Official Action dated June 5, 2003, a response being due by September 5, 2003, please amend the above-identified patent application in the following manner.

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**IN THE ABSTRACT:**

*Please amend the Abstract as follows:*

A position sensor ~~comprises~~includes a resistive element positionable on a first surface. A pair of leads are on the resistive element, the pair of leads adapted to supply a first voltage, such as by being grounded. An intermediate lead is positioned on the resistive element between the pair of leads, the intermediate lead being adapted to provide a second voltage. A contact element is positionable on a second surface, the contact element adapted to contact at least a portion of the resistive element to detect a voltage at a contact position, the detected voltage being related to the position or movement of the second surface relative to the first surface. In another version, a position sensor ~~comprises~~includes a resistive element comprising first and second resistive strips. A plurality of leads are positioned on each resistive strip to provide a voltage to each resistive strip.